



Product Evaluation

DR823 | 0117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-823

Effective Date: January 1, 2017

Re-evaluation Date: December 2017

Product Name: Easyfold 3000 Glazed Aluminum Inswing and Outswing Side Hinged Doors, Impact Resistant

Manufacturer: Origin USA, Inc.
771 Commerce Drive, Suite16
Venice, FL 34292
(717) 824-2259

General Description:

System	Description	Product Rating	Design Pressure	Drawing Number
1	Easyfold 3000 Glazed Aluminum Door In-Swing Side-Hinged w/or w/o Track Riser (XX)	R-PG20 77x102-SHD Missile Level D	+50/-55 psf (Without Water Penetration) ¹	ORG1003
2	Easyfold 3000 Glazed Aluminum Door Out-Swing Side-Hinged w/Track Riser (XX)	R-PG50 77x102-SHD Missile Level D	+50/-55 psf	ORG1003
3	Easyfold 3000 Glazed Aluminum Door In-Swing w/or w/o Track Riser Outswing w/ Track Riser (XX)	R-PG50 77x102-SHD Missile Level D	+50/-55 psf	ORG1003

Note: ¹Can only be installed in areas with overhang or vestibule protection in accordance with building code requirements.

Product Dimensions:

System	Overall Size	Door Panel Size	Door Daylight Opening Size	Slave Panel Size
1,2,3	77-3/8" x 101-7/8"	36-3/4" x 96"	30" x 90"	NA

Components and Hardware:

System	Component	Quantity/System	Attachment Method
1,2,3	Flag Hinge ORI001/ORI006	3	Install hardware and components in accordance with Origin USA Inc. drawing # ORG1003 pages 1 thru 12 of 12, dated January 25, 2016, signed and sealed by Robert James Amoruso P.E. on March 7, 2016.
	Multipoint Lock System by Milenco w/latch and deadbolt.	1	
	Flushbolts Top and Bottom	1 each	
	Lock keepers	3	

Product Identification (Certification Label on Door):**Note: There are two labels on each door**

System		
1,2,3 Label 1	Certification Agency	NAMI
	Manufacturer's Name or Code	Origin USA –Venice FL
	Product Name	Easyfold 3000 Side Hinge Doors
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
1, 2, 3 Label 2	Certification Agency	NAMI
	Manufacturer's Name or Code	Origin USA –Venice FL
	Product Name	Easyfold 3000 IS or OS Side Hinge Door
	Test Standards	ASTM E1886-05/E1996-09, TAS 201/202/203-94 Large Missile Level D Zone 4

Impact Resistance:

System	Impact Resistant	Requirement
1,2,3	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

System	
1,2,3	Type of Installation
	Wall Framing
	Fasteners
	Fastener Embedment
	Fastener Location/Spacing
	<p>Install and anchor doors in accordance with Origin USA Inc. drawing ORG1003 pages 1 thru 12 of 12, dated January 25, 2016, signed and sealed by Robert James Amoruso P.E. on March 7, 2016.</p> <p>Doors are assembled and glazed at the factory, shipped separately. Frame components are assembled at factory, frames (head, jamb and sill) are shipped separately. Complete door system is assembled at job site.</p>

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.